

# SEARCH REQUEST FORM

Requestor's

Name: NGU-FN, CHAU

Serial

Number: 09/255,325

Date: 9/7/99

Phone: 308-5340

Art Unit: 2732

## Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

LITIGATION SEARCH 564 0395

## STAFF USE ONLY

Date completed: 11/2

Searcher: Patte

Terminal time: 10

Elapsed time: \_\_\_\_\_

CPU time: \_\_\_\_\_

Total time: 10

Number of Searches: 7

Number of Databases: 7

### Search Site

☒ STIC

☐ CM-1

☐ Pre-S

### Type of Search

☐ N.A. Sequence

☐ A.A. Sequence

☐ Structure

☐ Bibliographic

### Vendors

☐ IG

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☒ Other Patte

Orbit

5,640,395

<=2> GET 1st DRAWING SHEET OF 6

Jun. 17, 1997

System for transmitting packet data in digital cellular time  
division multiple access (TDMA) air interface

REISSUE: Reissue Application filed Feb. 23, 1999 (O.G. Apr. 13, 1999) Ex. Gp.:  
2731; Re. S.N. 09/255,325

CORE TERMS: slot, station, channel, packet, mobile, transmission, downlink,  
uplink, acknowledgement, reserved...

LEXIS-NEXIS  
Library: PATENT  
File: ALL

5,640,395 OR 5640395

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LEXIS-NEXIS  
Library: PATENT  
File: CASES

5,640,395 OR 5640395

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LEXIS-NEXIS  
Library: PATENT  
File: JNLS

1- (LEGSTAT)

PATENT NUMBER US 5640395 [US5640395]

DOCUMENT TYPE US-P

ACTION 95.05.01 US/AE-A

APPLICATION DATA (PATENT)

{US 431559/95 [95US-431559] 95.05.01}

ACTION 95.05.01 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

NOKIA MOBILE PHONES LTD. P.O. BOX 86, SF-24101 SALO,  
FINLAND \*.HAMALAINEN, JARI : 19940427; HONKASALO, ZHI  
CHUN : 19940427; JOKINEN, HARRI : 19940427

ACTION 97.06.17 US/A

PATENT

ACTION 99.04.13 US/RF

REISSUE APPLICATION FILED

19990223

UPDATE 9920

-1- (PAST)

ACCESSION NUMBER 9915-000600

PATENT NUMBER US5640395

DOCUMENT TYPE A (UTILITY)

OFFICIAL GAZETTE 99.04.13

CODE REA

ACTION REISSUE APPLICATION FILED

SUBJECT HEADING REISSUE APPLICATION FILED

1/9/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat  
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11791172

Basic Patent (No,Kind,Date): FI 9402038 A0 940503 <No. of Patents: 008>

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9517857 A1 951109

SYSTEM FOR TRANSMITTING PACKET DATA IN DIGITAL CELLULAR TIME DIVISION  
MULTIPLE ACCESS (TDMA) AIR INTERFACE (English)

Patent Assignee: NOKIA MOBILE PHONES LTD

Author (Inventor): HAMALAINEN JARI; HONKASALO ZHI CHUN; JOKINEN HARRI

Priority (No,Kind,Date): FI 942038 A 940503

Applic (No,Kind,Date): AU 9517857 A 950503

IPC: \* H04L-012/56; H04Q-007/22; H04B-007/212

Language of Document: English

CHINA (CN)

Patent (No,Kind,Date): CN 1112346 A 951122

SYSTEM FOR TRANSMITTING PACKET DATA IN DIGITAL CELLULAR TIME DIVISION  
MULTIPLE ACCESS (TDMA) AIR INTERFACE (English)

Patent Assignee: NOKIA MOBILE PHONES LTD (FI)

Author (Inventor): HAEHAELAEINEN JARI (FI); HONKASALO ZHI CHUN (FI);  
JOKINEN HARRI (FI)

Priority (No,Kind,Date): FI 942038 A 940503

Applic (No,Kind,Date): CN 95105074 A 950503

IPC: \* H04Q-007/20

Derwent WPI Acc No: \* G 95-375507

Language of Document: Chinese

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 681406 A1 951108

SYSTEM FOR TRANSMITTING PACKET DATA IN DIGITAL CELLULAR TIME DIVISION  
MULTIPLE ACCESS (TDMA) AIR INTERFACE. (English; French; German)

Patent Assignee: NOKIA MOBILE PHONES LTD (FI)

Author (Inventor): HAEHAELAEINEN JARI (FI); HONKASALO ZHI CHUN (FI);  
JOKINEN HARRI (FI)

Priority (No,Kind,Date): FI 942038 A 940503

Applic (No,Kind,Date): EP 95303040 A 950503

Designated States: (National) AT; DE; FR; GB; IT; NL; SE

IPC: \* H04Q-007/24; H04B-007/26

Derwent WPI Acc No: \* G 95-375507; G 95-375507

Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 681406 P 940503 EP AA PRIORITY (PATENT APPLICATION)  
(PRIORITAET (PATENTANMELDUNG))

FI 942038 A 940503

EP 681406 P 950503 EP AE EP-APPLICATION (EUROPAEISCHE  
ANMELDUNG)

EP 95303040 A 950503

EP 681406 P 951108 EP AK DESIGNATED CONTRACTING STATES IN  
AN APPLICATION WITH SEARCH REPORT (IN EINER  
ANMELDUNG BENANNT VERTRAGSSTAATEN)

AT DE FR GB IT NL SE

EP 681406 P 951108 EP A1 PUBLICATION OF APPLICATION WITH  
SEARCH REPORT (VEROEFFENTLICHUNG DER  
ANMELDUNG MIT RECHERCHENBERICHT)

EP 681406 P 960703 EP 17P REQUEST FOR EXAMINATION FILED  
(PRUEFUNGSANTRAG GESTELLT)

960508

EP 681406 P 990714 EP 17Q FIRST EXAMINATION REPORT  
(ERSTER PRUEFUNGSBESCHEID)  
19990601

FINLAND (FI)

Patent (No,Kind,Date): FI 9402038 A 951104  
 SYSTEM FOER OEVERFOERING AV PAKETDATA I LUFTGRAENSSNITTET INOM ETT  
 DIGITALT TMDA-CELLULAERSYSTEM (Swedish)  
 Patent Assignee: NOKIA MOBILE PHONES LTD (FI)  
 Author (Inventor): HAEMAELAEINEN JARI (FI); HONKASALO ZHI CHUN (FI);  
 JOKINEN HARRI (FI)  
 Priority (No,Kind,Date): FI 942038 A 940503  
 Applic (No,Kind,Date): FI 942038 A 940503  
 IPC: \* H04Q-007/20  
 Derwent WPI Acc No: \* G 95-375507  
 Language of Document: Finnish; Swedish  
 Patent (No,Kind,Date): FI 9402038 A0 940503  
 SYSTEM FOER OEVERFOERING AV PAKETDATA I LUFTGRAENSSNITTET INOM ETT  
 DIGITALT TMDA-CELLULAERSYSTEM (Swedish)  
 Patent Assignee: NOKIA MOBILE PHONES LTD (FI)  
 Author (Inventor): HAEMAELAEINEN JARI (FI); HONKASALO ZHI CHUN (FI);  
 JOKINEN HARRI (FI)  
 Priority (No,Kind,Date): FI 942038 A 940503  
 Applic (No,Kind,Date): FI 942038 A 940503  
 IPC: \* H04Q; H04L  
 Derwent WPI Acc No: \* G 95-375507  
 Language of Document: Finnish; Swedish  
 Patent (No,Kind,Date): FI 98426 B 970228  
 SYSTEM FOER OEVERFOERING AV PAKETDATA I LUFTGRAENSSNITTET INOM ETT  
 DIGITALT TMDA-CELLULAERSYSTEM (Swedish)  
 Patent Assignee: NOKIA MOBILE PHONES LTD (FI)  
 Author (Inventor): HAEMAELAEINEN JARI (FI); HONKASALO ZHI CHUN (FI);  
 JOKINEN HARRI (FI)  
 Priority (No,Kind,Date): FI 942038 A 940503  
 Applic (No,Kind,Date): FI 942038 A 940503  
 IPC: \* H04Q-007/20  
 Derwent WPI Acc No: \* G 95-375507  
 Language of Document: Finnish; Swedish  
 Patent (No,Kind,Date): FI 98426 C 970610  
 SYSTEM FOER OEVERFOERING AV PAKETDATA I LUFTGRAENSSNITTET INOM ETT  
 DIGITALT TMDA-CELLULAERSYSTEM (Swedish)  
 Patent Assignee: NOKIA MOBILE PHONES LTD (FI)  
 Author (Inventor): HAEMAELAEINEN JARI (FI); HONKASALO ZHI CHUN (FI);  
 JOKINEN HARRI (FI)  
 Priority (No,Kind,Date): FI 942038 A 940503  
 Applic (No,Kind,Date): FI 942038 A 940503  
 IPC: \* H04Q-007/20  
 Derwent WPI Acc No: \* G 95-375507  
 Language of Document: Finnish; Swedish

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5640395 A 970617  
 SYSTEM FOR TRANSMITTING PACKET DATA IN DIGITAL CELLULAR TIME DIVISION  
 MULTIPLE ACCESS (TDMA) AIR INTERFACE (English)  
 Patent Assignee: NOKIA MOBILE PHONES LTD (FI)  
 Author (Inventor): HAMALAINEN JARI (FI); HONKASALO ZHI CHUN (FI);  
 JOKINEN HARRI (FI)  
 Priority (No,Kind,Date): FI 942038 A 940503  
 Applic (No,Kind,Date): US 431559 A 950501  
 National Class: \* 370322000; 370337000  
 IPC: \* H04Q-007/24; H04B-007/212  
 Derwent WPI Acc No: \* G 95-375507  
 Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):  
 US 5640395 P 940503 US AA PRIORITY (PATENT)  
 FI 942038 A 940503  
 US 5640395 P 950501 US AE APPLICATION DATA (PATENT)  
 (APPL. DATA (PATENT))  
 US 431559 A 950501  
 US 5640395 P 950501 US AS02 ASSIGNMENT OF ASSIGNOR'S

INTEREST

NOKIA MOBILE PHONES LTD. P.O. BOX 86,  
SF-24101 SALO, FINLAND ; HAMALAINEN, JARI :  
19940427; HONKASALO, ZHI CHUN : 19940427;  
JOKINEN, HARRI : 19940427

US 5640395 P 970617  
US 5640395 P 990413

US A PATENT  
US RF REISSUE APPLICATION FILED  
(REISSUE APPL. FILED)  
19990223

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